

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Work Order ID 140796

140796

Page 2

January 19, 2016 8:45:12 AM

Item ID: D3370-041 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Tail Rotor Pedal Lock
 Start Date: 1/19/2016 Start Qty: 3.00 *3* Cust Item ID:
 Required Date: 1/28/2016 Req'd Qty: 3.00 *3* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location <i>5740A</i>	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.01							
Quality Control									

Handwritten notes:
 - Under 130: *2* *DAS 6 9-89*
 - Under 140: *ML5* *JAN 20 2016*
 - Bottom right: *ML5* *JAN 20 2016*

DQA: _____ Date: _____



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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
		OTHER : ☐							

Picklist Print

January 19, 2016 8:45:16 AM

Page 1

Work Order ID: 140796

140796

Parent Item: D3370-041

D3370-041

Parent Item Name: Tail Rotor Pedal Lock

Start Date: 1/19/2016

Required Date: 1/28/2016

Start Qty: 3.00

Required Qty: 3.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3370-051 *D3370-051* Pedal Lock Assembly		Manufactured	No			100	Each	0.0000	1	12			SD
									**				
D3384-041 *D3384-041* Cyclic Sock Assembly		Manufactured	No			100	Each	7.0000	1	12			SD
									**				
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST500			7					
					115703			1					
					124231			6					
HX-81 *HX-81* 1/4"-20 SHCS 3/8" long		Purchased	No			100	Each	50.0000	1	12			SD
									**				
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST554			50					
					123436			50					
NAS1149F0463P *NAS1149F0463P* Washer		Purchased	No			100	Each	1,022.000	2	24			SD
									**				
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST260a			969					
					m127832			969					
					st268			53					
					m127832			45					
					m130388			8					

8 7 6 5 4 3 2 1

△C

Qty. -041	Qty. -051	PART NUMBER	DESCRIPTION
X		D3370-041	TAIL ROTOR DISABLING KIT
1	X	D3370-051	PEDAL LOCK
1		D3384-041	CYCLIC SOCK
1		HX-81	1/4-20 SOCKET HEAD CAP SCREW
2		AN980-416	WASHER
1		D2728-7	LABEL
1		D3370-1	BASE
1		D3370-3	COVER
1		D3373-5	CAM LOCK ASSY
1		D3385-3	HINGE
2		Ø3/16 X 0.50 GROUND STUD DOWEL PIN	GROUND STUD DOWEL PIN
4		AN526C832R6	SCREW

RELEASED
08-07-16

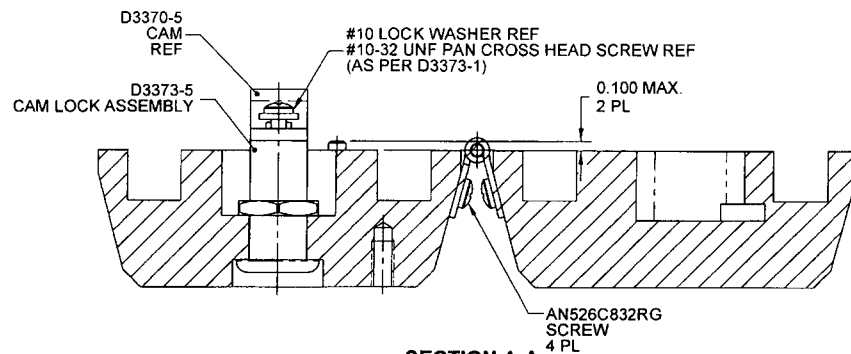
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54

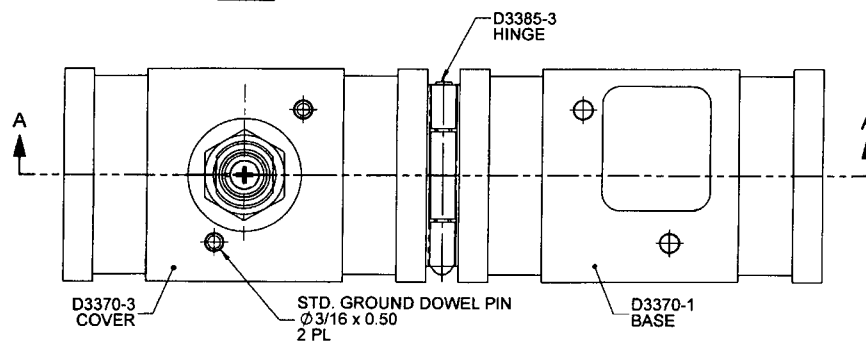
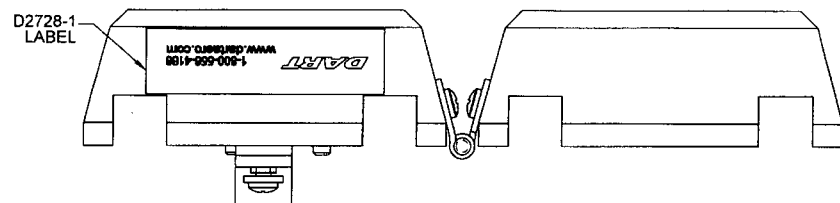
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C	SHEET 1 ADDED P/L ADDED -041 TO P/L (SEE NCR 264). DRAWING TRANSFERRED TO "B" SIZE FORMAT. REFORMATTED TO CURRENT STANDARDS.		AJS	08.07.11
B	D3385-3 WAS D3385-1		MB	05.03.22
A	NEW ISSUE		RF	04.12.15
REV.	DESCRIPTION		BY	DATE
DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D3370 REV. C TITLE PEDAL LOCK SCALE NTS COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		
DRAWN	AJS			
CHECKED				
MFG. APPR.				
DE APPR.				
DATE	08.07.11			

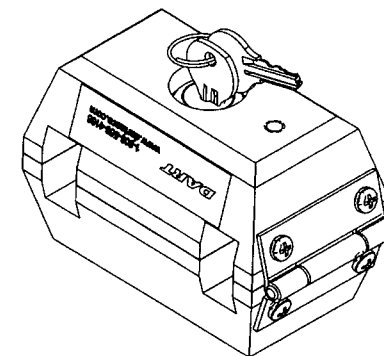
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SECTION A-A



D3370-051 PEDAL LOCK ASSEMBLY

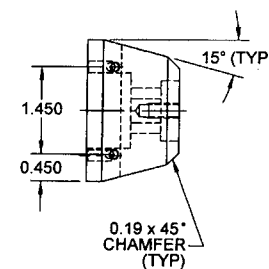
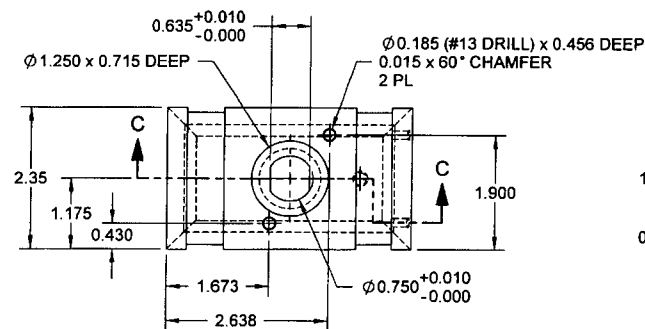
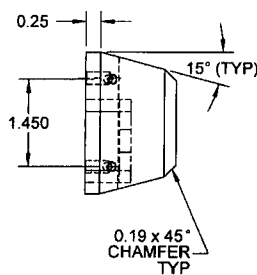
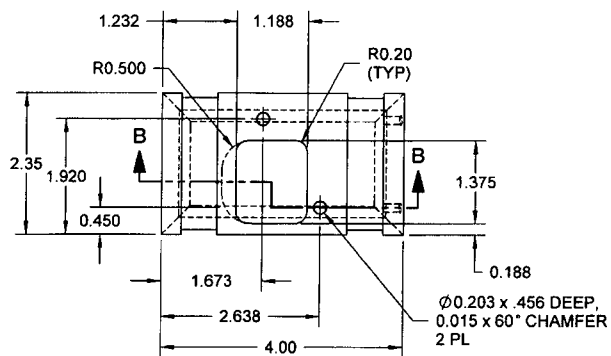
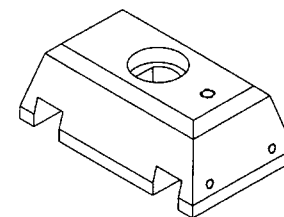
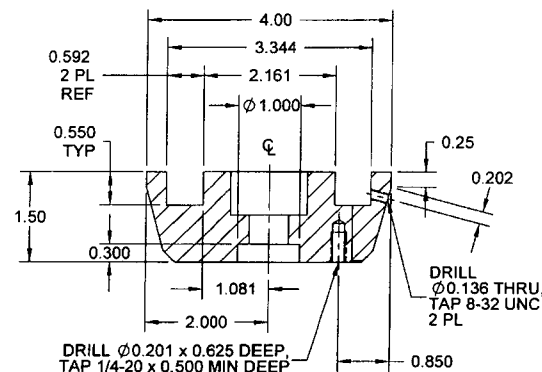
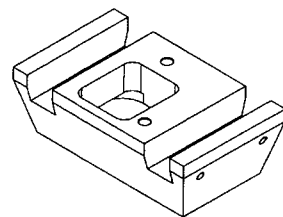
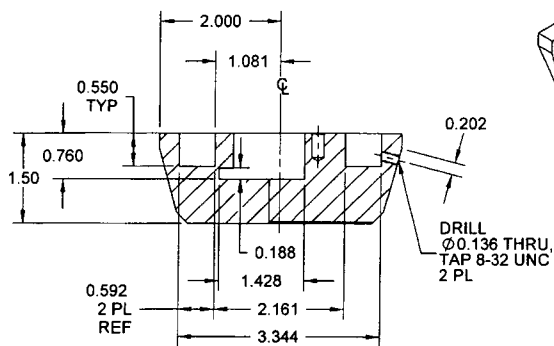


RELEASED
08-07-14

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.75 lbs

DESIGN	MB	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3370	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		PEDAL LOCK	NTS
DATE	08.07.11	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

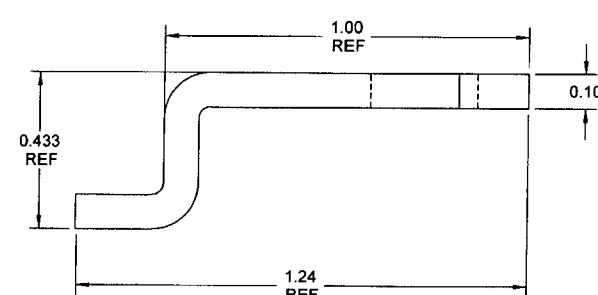
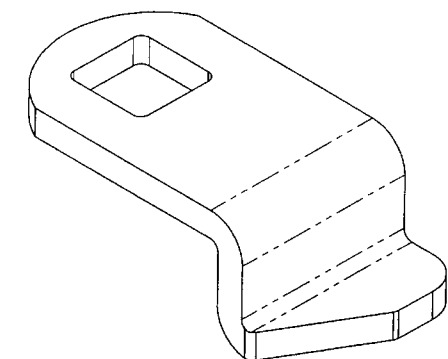
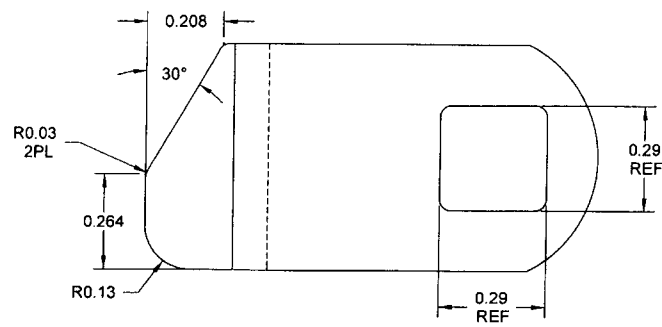


NOTES:

- 1) MATERIAL: 6061-T6/T651 (QQ-A-200/8 OR QQ-A-225/8) REF. DART SPEC. M6061T6B
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

RELEASED

DESIGN	MB	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3370	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		PEDAL LOCK	NTS
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D3370-5 CAM

RELEASED
 27607-16

- NOTES:
 1) MATERIAL: SUPPLIER BY D3373, MODIFIED AS SHOWN
 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 3) ALL DIMENSIONS ARE IN INCHES
 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	FE	DRAWING NO. D3370	REV. C
MFG. APPR.	MB	SHEET 4 OF 4	
APPROVED	MB	TITLE PEDAL LOCK	SCALE
DE APPR.	MB	NTS	
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